Substitute for Form 1449 A & B/PTO

JUN 1 7 2003

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of 1

Сотр	lete if Known
Application Number	09/783,135
Confirmation Number	1486
Filing Date	February 15, 2001
First Named Inventor	Yang-lim CHOI
Art Unit	<del>2621</del> 2121
Examiner Name	NOT YET ASSIGNED Land C.
Attorney Docket Number	Q60575

	U.S. PATENT DOCUMENTS							
В .	Cite No.1	Document Number		Publication Date				
Examiner Initials*		Number	Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document			
		US						
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-	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document			Publication Date	Name of Patentee or			
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation <sup>6</sup>		
#		WO	00/28441	A2	5/18/00	Microsoft Corporation			
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		OTHER ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
4		USAMA M. FAYYAD: "Scaling Em (Expectation-Maximization) Clustering to Large Databases",	
7		Microsoft Research, Online!, February 1999, XP002236781	
H		CHANG EY et al.: "Searching Near Relicas of Images Via Clustering", Proceedings of the Spie, Spie, Bellingham, VA, US, vol. 3846, September 20, 1999, pages 281-292, XP001018569	
1		PER HEDELIN, JAN SKOGLUND:, "Vector Quantization Based on Guassian Mixture Models", IEEE TRANSACTIONS AND AUDIO PROCESSING, Online!, vol. 8, no. 4, July 2000, XP002236782	

Examiner Signature

Date Considered

1/14/4

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Attorney Docket Number	Q60575

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E	Cita	Document	Number	Publication Date					
Examiner Initials*	Cite No.1	Number	Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document				
		US							
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Examiner	Cite No.1	Foreign Patent Document			Publication Date	Name of Patentee or	T		
Initials*		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)		Applicant of Cited Document	Translation <sup>6</sup>		
+		WO	97/48069		12/18/1007	Anmelder SIEMENS			
#		JР	2001-344553		12/14/2001	SAMSUNG ELECTRONICS CO., LTD			
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	NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>				
# 1		KIDAWARA et. al., "Partial Match Query Processing using Vector Space Model and Tendency of Data Distribution", Journal of Information Processing, No. SIG 3 (T0D1), Feb., 1999, 11-23, vol. 40, Information Processing Society of Japan, Japan					

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